

Rec'd PCT/PTO 13 JAN 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/510,264
Filing Date	October 5, 2004
First Named Inventor	Hee Young Kim
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	644P003

ENCLOSURES (Check all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Reply to Missing Parts/
Incomplete Application
<input type="checkbox"/> Reply to Missing Parts
under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers

<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a
Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC

<input type="checkbox"/> Appeal Communication to Board
of Appeals and Interferences

<input type="checkbox"/> Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

<input type="checkbox"/> Proprietary Information

<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify
below):
-Form PTO 1449
-Copies of Non US References cited - 5
-Copy of Int. Search Report dated 3/19/04 |
|---|--|---|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Nields & Lemack		
Signature			
Printed name	Kevin S. Lemack		
Date	January 11, 2005	Reg. No.	32,579

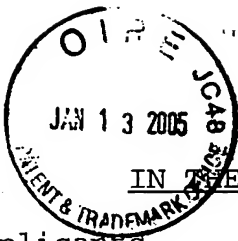
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Kevin S. Lemack	Date	January 11, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hee Young Kim et al.
Serial No. : 10/510,264 (PCT/KR03/02619)
Filed : October 5, 2004 (1 December 2003)
For : METHOD FOR CONTINUOUS PREPARATION OF
NANOMETER-SIZED HYDROUS ZIRCONIA SOL
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 644P003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

INFORMATION DISCLOSURE STATEMENT

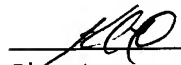
The Examiner is respectfully requested to consider the documents, which are listed on the attached form PTO 1449.

The relevance of some of the references cited are shown in the International Search Report filed herein on October 5, 2004, dated March 19, 2004, which indicates the degree of relevance found by the Korean Patent Office.


The Examiner's attention is drawn to co-pending U.S. Patent Application No. 10/510,265 filed October 5, 2004 and the references being cited therein.

Copies of the non U.S. Patents listed on the attached form are enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on **January 11, 2005**


Signature: **Kevin S. Lemack**
Date: **January 11, 2005**

Respectfully submitted,


Kevin S. Lemack
Attorney for Applicants
Registration No. 32,579
Niels & Lemack
176 E. Main Street
Westboro, MA 01581
TEL: (508) 898-1818

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 644P003	SERIAL NO. 10/510,264
	Hee Young Kim et al.	
	FILING DATE October 5, 2004	GROUP Not yet assigned

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,784,794	11/1988	Kato	516	90	
AB	4,880,578	11/1989	Holcombe et al.	264	432	
AC	5,004,711	4/1991	Grodek	501	103	
AD	5,219,829	6/1993	Bauer et al.	505	510	
AE	5,275,759	1/1994	Osaka et al.	252	313.1	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BA	146983	5/1998	Korea			SR	
BB	3-205317	9/1991	Japan			SR	
BC	4-187520	7/1992	Japan			SR	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

CA		Copy of International Search Report dated 3/19/2004
CB		J. Am. Ceram. Soc., 78(4), 1103-1106 (1995); Young Tae Moon et al.; "Preparation of Monodisperse ZrO ₂ by the Microwave Heating of Zirconyl Chloride Solutions"
CC		J. Am. Ceram. Soc., 78 (10), 2690-2697 (1995); Young Tae Moon et al., "Preparation of Monodisperse and Spherical Zirconia Powders by Heating of Alcohol-Aqueous Salt Solutions"
CD		
CE		

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SR=Cited in Search Report